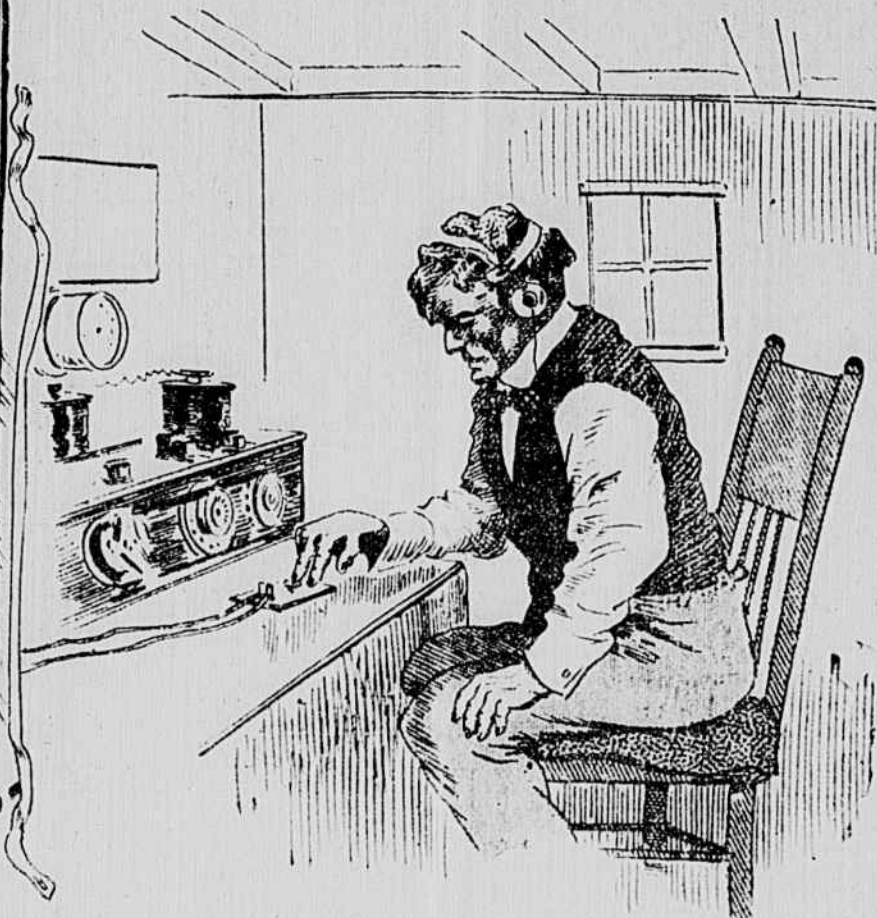
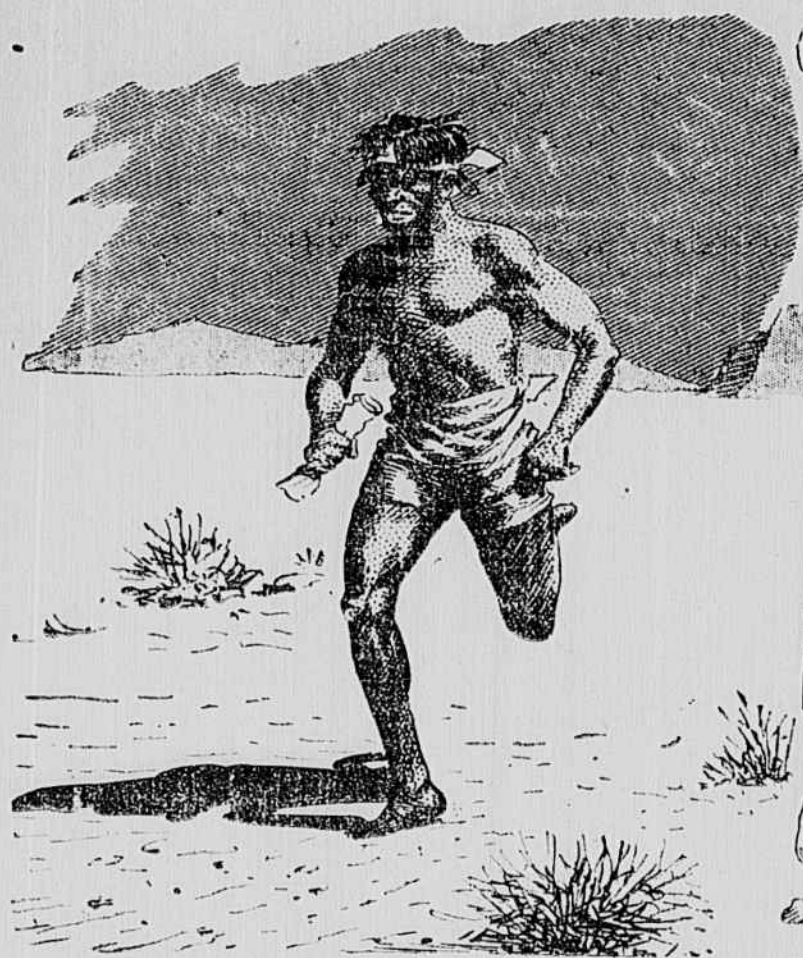


This Man Lived 400,000 Years Ago--At Least



THIS earth on which you live has existed for millions of years. Men do not GUESS about that; THEY KNOW IT. Those that deny it are childishly ignorant, or pervert the truth.

We know now that man in his primitive form lived upon this planet 400,000 years ago. And here, most interesting to every intelligent human being, you see a reproduction of the face of man as he was hundreds of thousands of years before the beginning of history, as we know it.

The skull of this primitive creature, half human being and half ape, was found in a gravel pit at Piltdown, England.

The teeth of the skull were human teeth, but they were imbedded in the jaw of an animal; a jaw like that of a chimpanzee. And it is certain that while this creature could think, in a dull way, and could use the implements of flint that come down from the age in which he lived, he could not speak.

This shows the beginning of the life of man, when thought was already born in the brain, but when the half-man and half-animal had not yet learned the art of language, and could not communicate to another what he thought.

This man with the neck of a chimpanzee, the jaw of an ape, the teeth of a human being and the beginning of mental operations in the brain, could express what he felt only as the animals do—in cries, whistlings, grunts and shrieks. Rage, fear, the lower emotions, but no higher thought, could find expression in that creature, called by science "homo alalus," or man without speech.

Is it not intensely interesting to think that we have all come from such a creature as this? Is it not a glorious satisfaction to the human race to realize that, slowly, through the 400,000 years of man-shape, and through the millions of years of earlier preparation in animal forms, man has worked up, BY HIS OWN EFFORT, to his present dominion over the earth?

How inspiring is the knowledge that by thought, by development of intellectual power and scientific and mechanical knowledge, the descendants of this monkey-man have crossed the continents and the oceans, harnessed the lightning and steam, taken the iron and sand from the earth to make of them palaces of steel and glass; and, above all, how magnificent to realize that our growth and our real accomplishments have only begun.

The earth is millions of years old; yet man's infancy, without words, you see in this picture, and it dates back only 400,000 years.

The earth has ahead of it millions upon millions of years.

In That Time the Chief Task of Those That Followed the Primeval Man Has Been to Push In the Jaw and Bring Out the Forehead.

That Process Is Now Going On IN YOU. Savagery and Hatred Push the Jaw Out. Thought, Benevolence, Intellectual Activity Push Out the Forehead. Study the Two Compared Faces of the Man of 400,000 Years Ago and the Thinking Man of To-day.

ions of years of life, and through those millions of years men will develop power and knowledge, as they have developed in that short period of 400,000 years that stretches behind us since the beginning of thought.

Man has done much in less than half a million years. He has been able to accomplish wonders almost in his cradle, frightened by superstition, by doubt, slaughtered by war, disease and ignorance. What will he not do beginning now, with the body of the people possessing the power to read, power which to a race is like speech to an individual?

What will not the people accomplish in the ages to come, the thousands of centuries in which man will transform himself into a really civilized intellectual being, and transform this planet into a garden of happiness, a fit abode for the developed man?

With this picture of YOUR PRIMITIVE ANCESTOR, with the big jaw and the small forehead, the artist shows also the outline of the face of a man of modern development.

You can see clearly that the great change in man during 400,000 years has been INCREASE in the size of the forehead and a falling off in the size of THE JAW.

The man unable to think well needed a powerful jaw nearly 400,000 years ago.

And TO-DAY, a man unable to think well needs that powerful jaw, which expresses hatred, aggressiveness and inarticulate brute force.

As the forehead has come out the jaw has gone back.

Man relied upon thought, cunning and knowledge, rather than upon the power of those teeth and of that heavy underjaw. So the jaw diminished and the brain grew.

When you look at the man of half a million years ago and the man of to-day you see a wonderful

change in the line of the face—now straight up and down; then slanting from the teeth back to a bony ridge above the eyes.

Remember that that change is still going on in all of us—IN YOU WHO READ THIS PAGE just as it has been going on through centuries past.

The complete change in the face, in the brain and in the body of man could not be brought about in four thousand centuries. Another four thousand centuries and more will pass before the change shall have been completed. This change takes place, for better or for worse, in every one of us—fortunately on the whole for the better.

Every vicious thought, every ugly impulse, IN YOU OR YOUR NEIGHBOR, forces a sticking out of the lower jaw. Say "I hate you" and you feel the jaw shoot out.

Every noble thought, every good impulse, every kind of emotion, every intellectual effort means the development of cells within the front brain, and an imperceptible, but, to the race a highly important, elevating of the front part of the skull and pushing forward of the forehead.

All that you can do for those that have suffered back of you, for those that will struggle here after you are gone, is to develop yourself as much as possible.

And you can develop yourself only by GOOD THINKING and by GOOD ACTS.

The wonders that have been achieved by the human race, especially by the influence of mothers upon the children, is shown in this picture in the marvellous change that four thousand centuries have brought about in the face of the human being.

If you have not read in detail of the discovery

in that English gravel pit, where the skull of this man of olden days was found, some statements of facts will interest you.

The finding of the skull in a geological deposit that dates back farther than the glacial period, proves that man existed on the earth in days before the great movement of ice, before the ice COVERED EUROPE.

There is little doubt that this man is near to the "original" ancestor upon which he would have looked with horror as we look with horror upon him. For the one-quarter man who came before this half-man walked on all fours and had but the faintest glimmer of thought, if any.

The discovery of this ancient ancestor of ours will doubtless help to prove SCIENCE ALWAYS DEMANDS PROOF that more than one kind of man came up from the animal and lived on the earth in those ancient days. In other words, that man began to develop at different spots on the earth's surface, coming up from animals slightly different which, as Haeckel, the great German scientist long since pointed out, would account for the great racial differences between the black, the yellow and the white races. The beginnings of man were perhaps separate and distinct in Australia, in Africa, in Europe and in Asia.

If you want to know how this man lived, and ON what he lived, it will interest you to know that in the gravel near him were found relics of an elephant mastodon, a hippopotamus and a red deer, and with these remains there were flint implements older than those used by the cave dwellers.

This primitive great-great-great-grandfather of ours, with a skull more than twice as thick as that of an ordinary human being, a tiny forehead, BUT WITH A SPARK OF THOUGHT, could, with his traps, his sharp flint and his little thinking power, conquer and live upon the deer, the hippopotamus and the great mastodon itself.

That, FOR HIM, was an accomplishment as wonderful as it is for us to build bridges across the greatest rivers, lift tons of steel with the power of the magnet, and fly through the air on a machine made of iron.

Here you see man as he was four thousand centuries ago.

He lived and ran naked through the woods and the swamps, holding in his hand a rough limb of a tree with a sharp flint fastened in the end. Physically, he was among the weakest of the animals about him. But he was destined to rule them all, extinguish them all in time, and "inherit the earth," because in that low forehead there was THE BEGINNING OF THOUGHT—and to thought everything is possible.